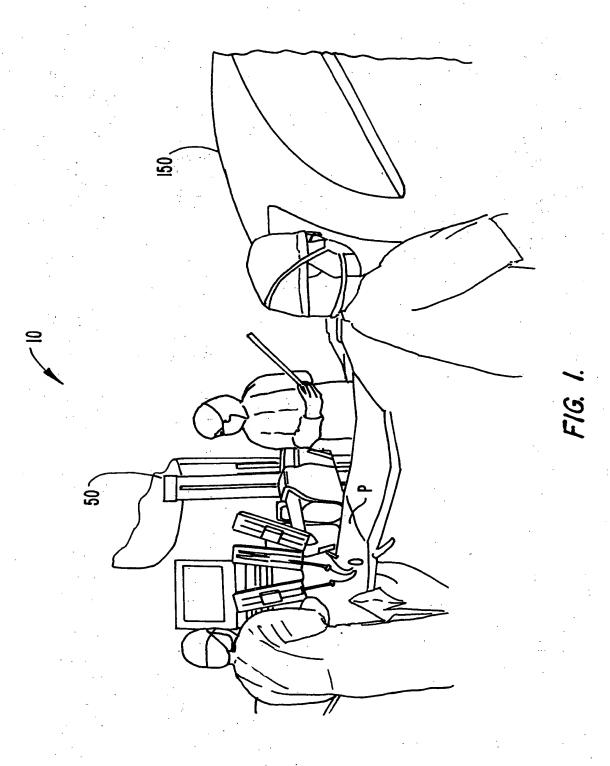
Craig P. Wong, Townsend & Townsend & Crew LLF Title: Surgical Robotic Tools, Data Architecture, an Use Applicants: Michael J. Tierney et al. Attorney Docket No. 017516-003230 Sheet 1 of 22







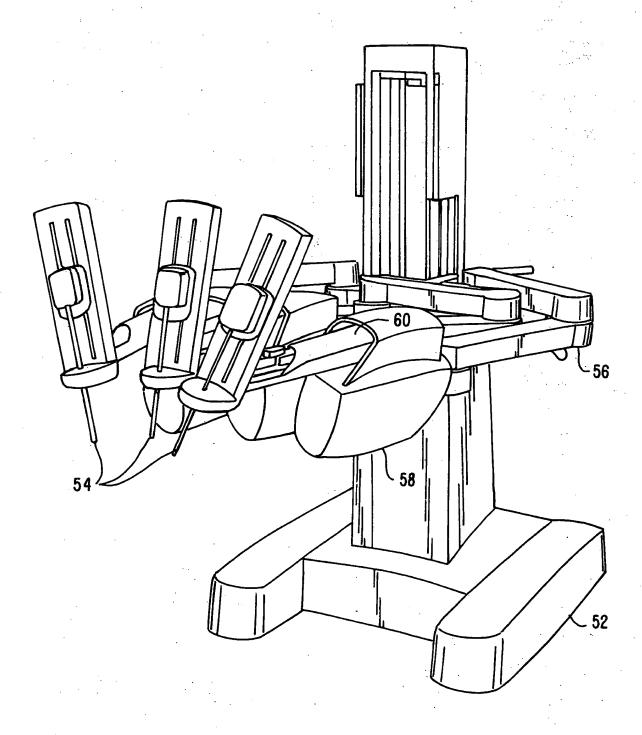


FIG. 2.

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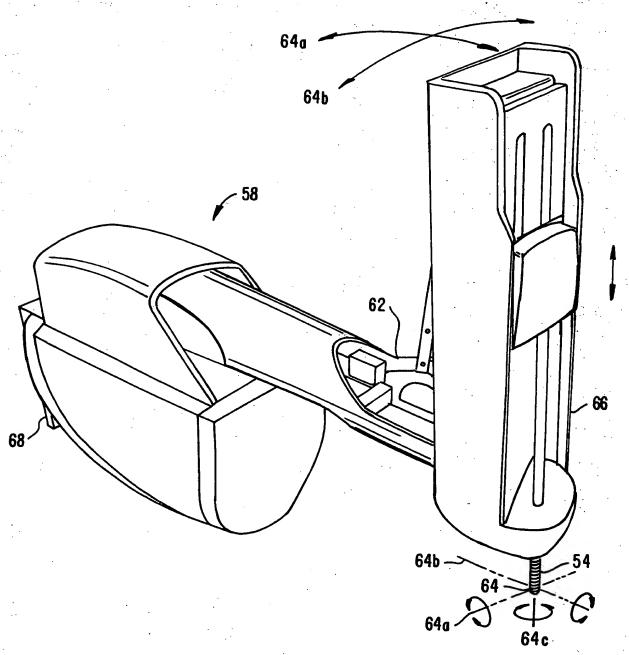
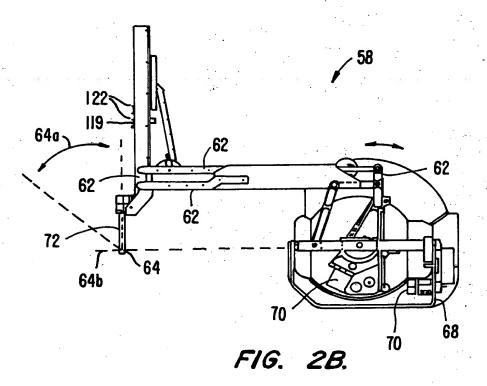


FIG. 2A.



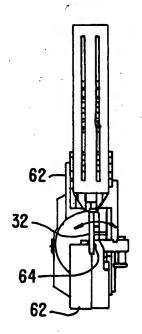


FIG. 2C.

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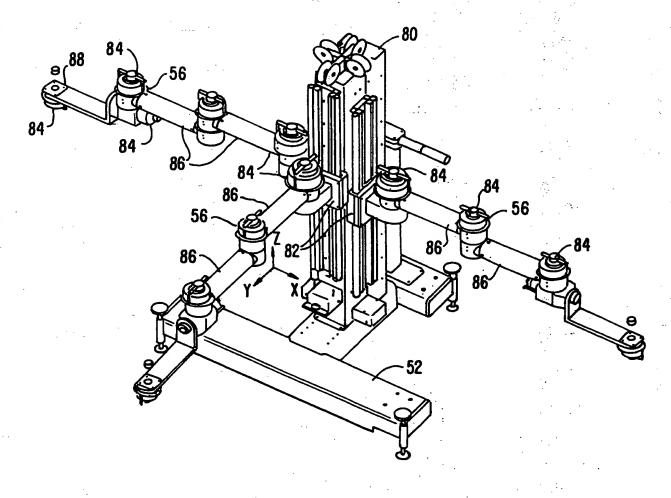


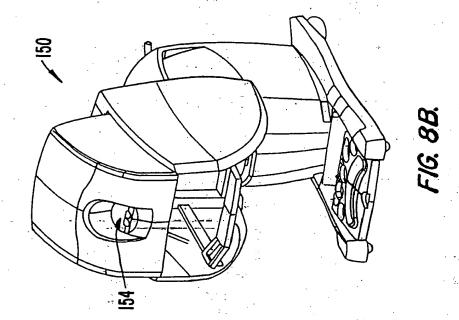
FIG. 3.

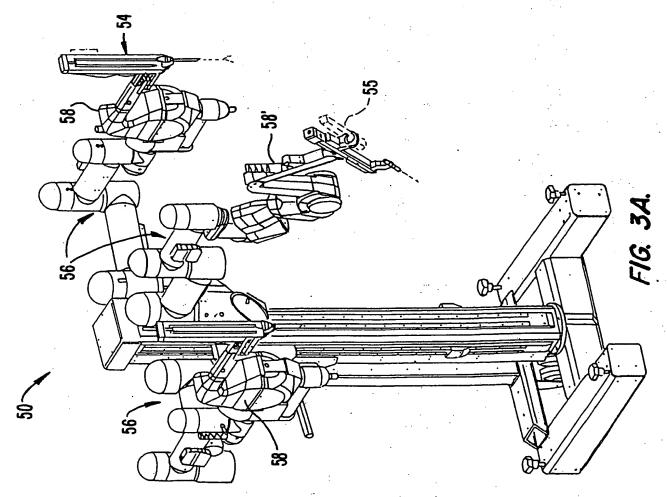
Craig P. Wong, Townsend & Townsend & Crew L. Title: Surgical Robotic Tools, Data Architecture Use

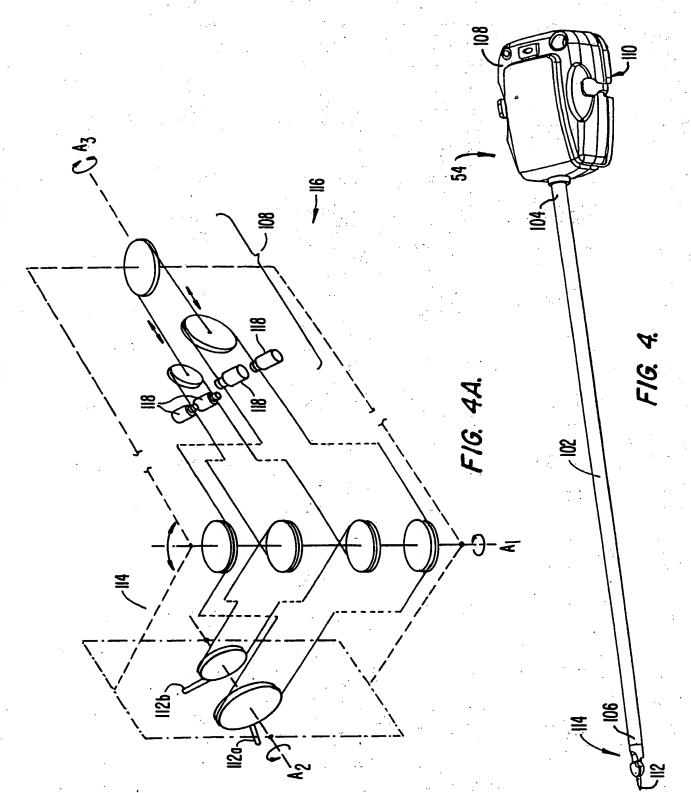
Applicants: Michael J. Tierney et al.

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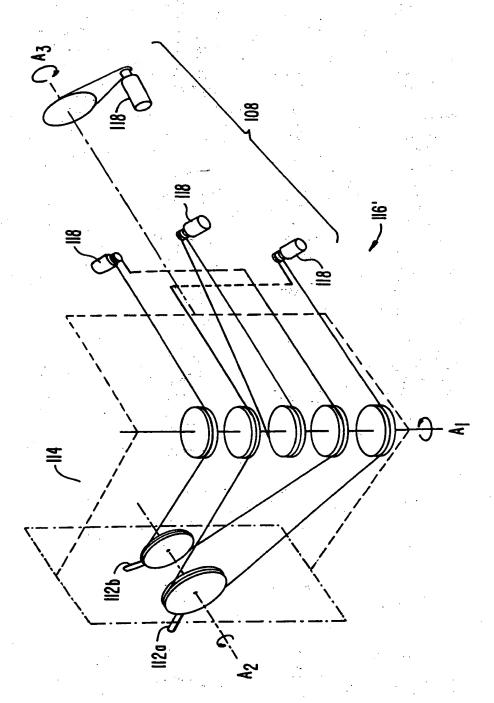


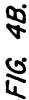




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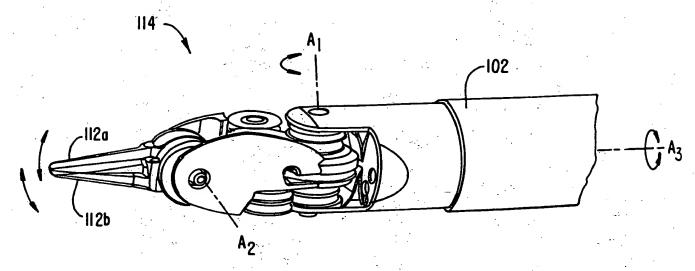


FIG. 5A.

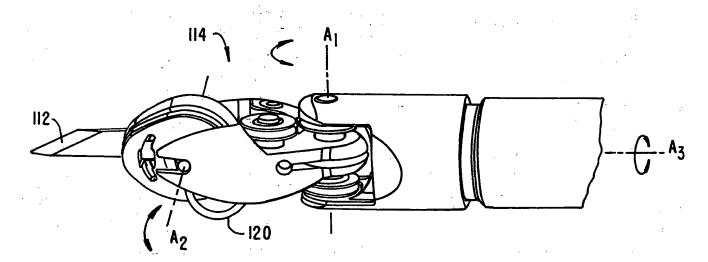


FIG. 5B.

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Use

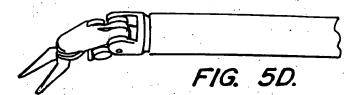
Applicants: Michael J. Tierney et al.

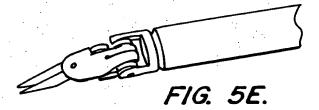
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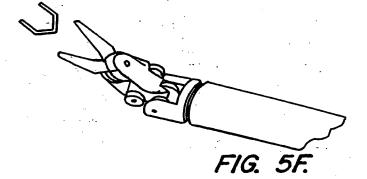
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FIG. 5C.







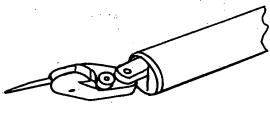
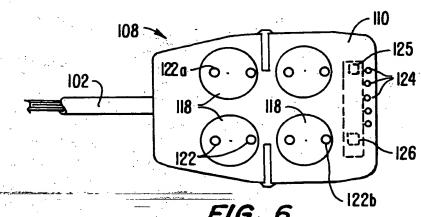
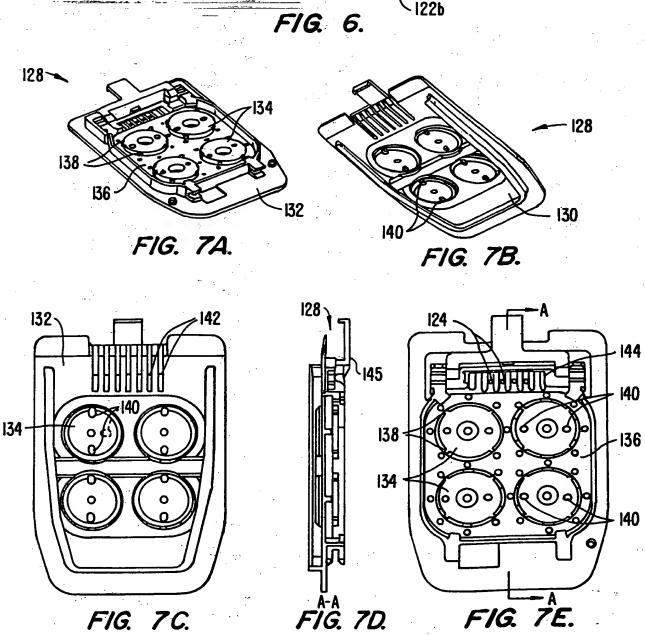


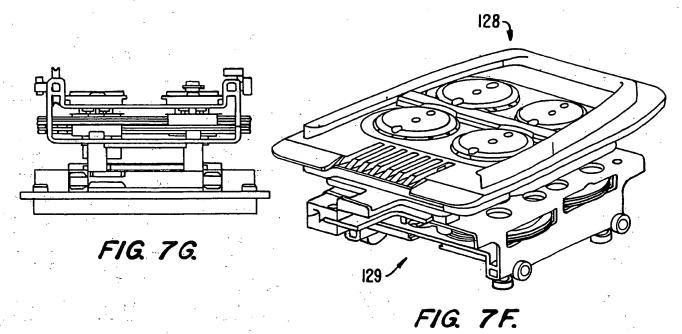
FIG. 5G.

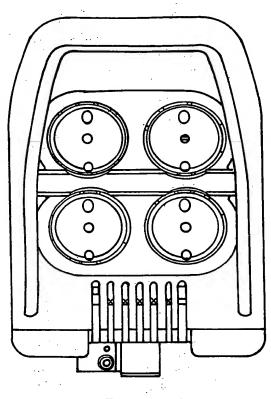


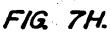
FIG. 5H.











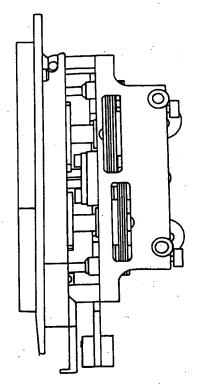
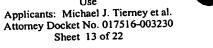
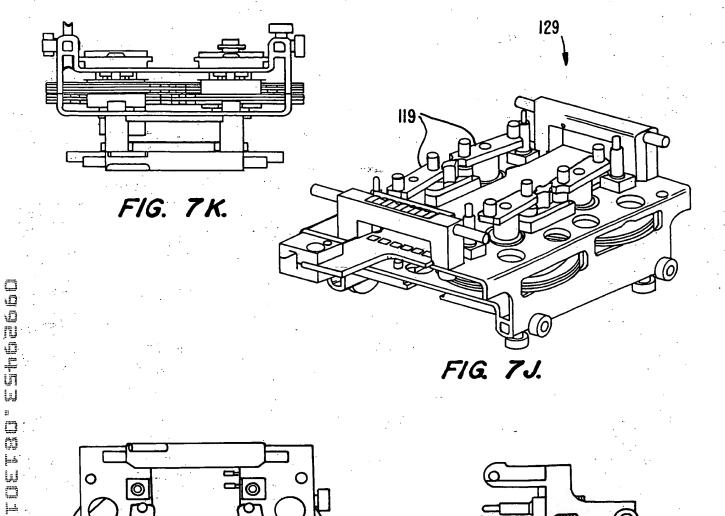
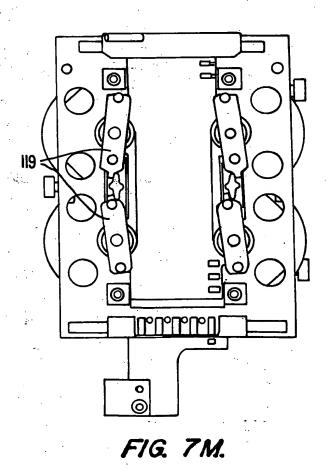
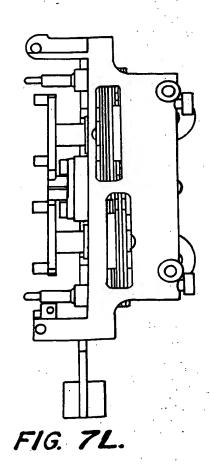


FIG. 7I.









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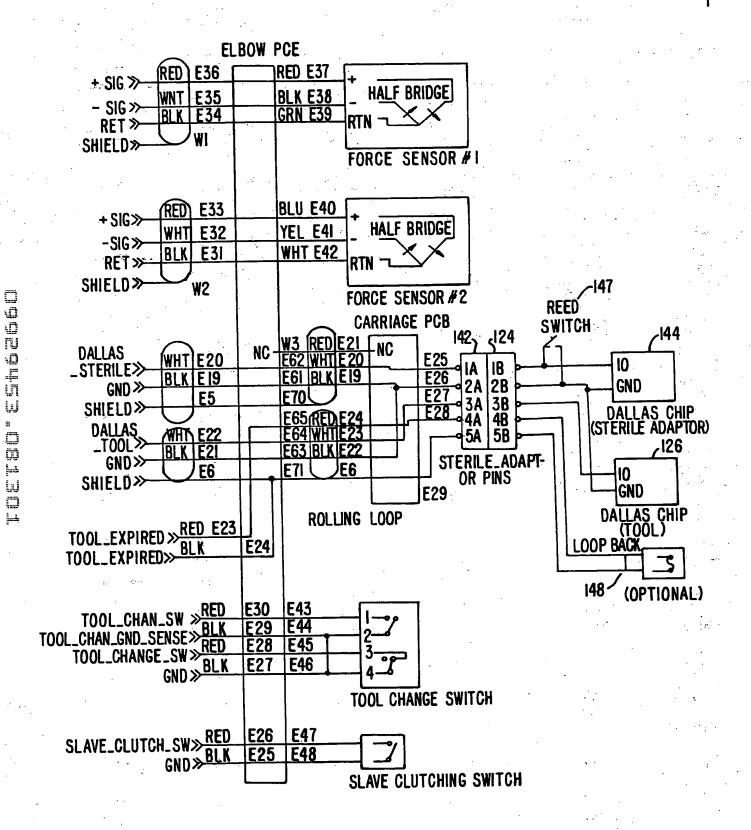


FIG. 8.



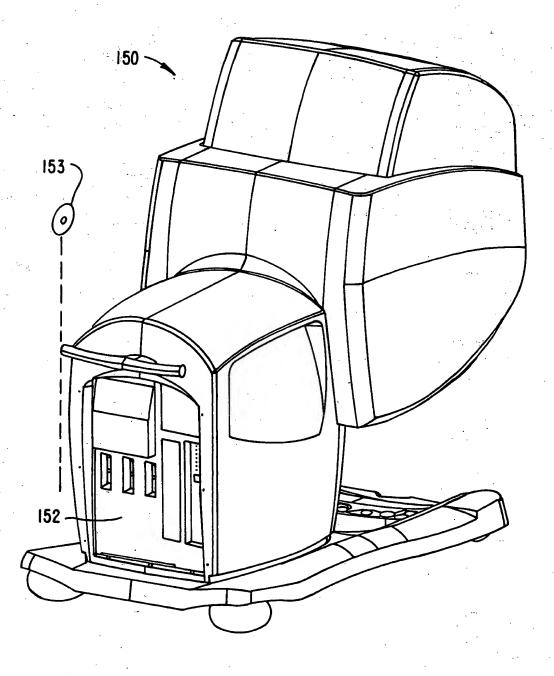
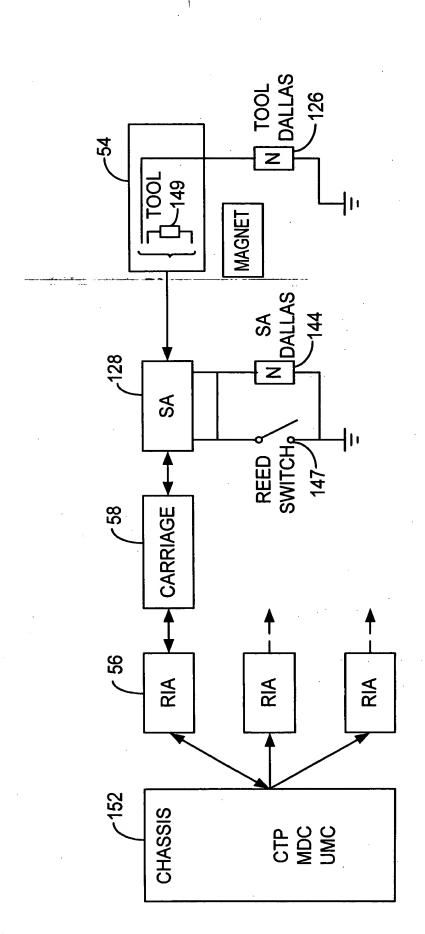


FIG. 8A.



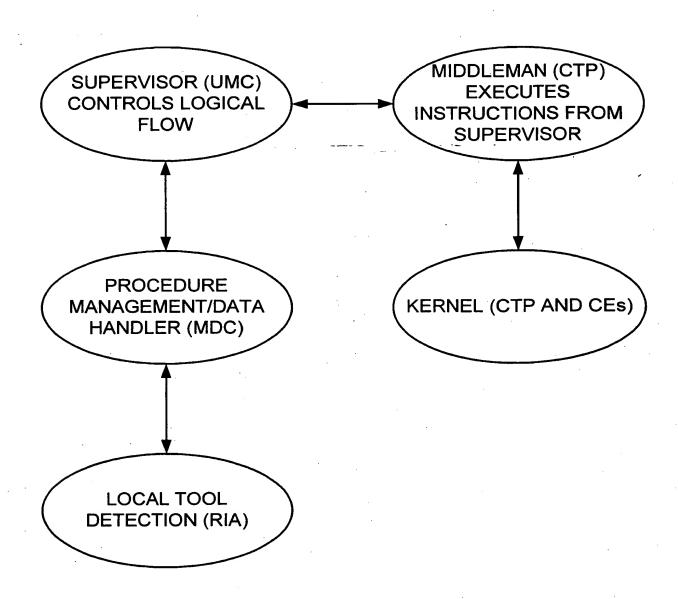
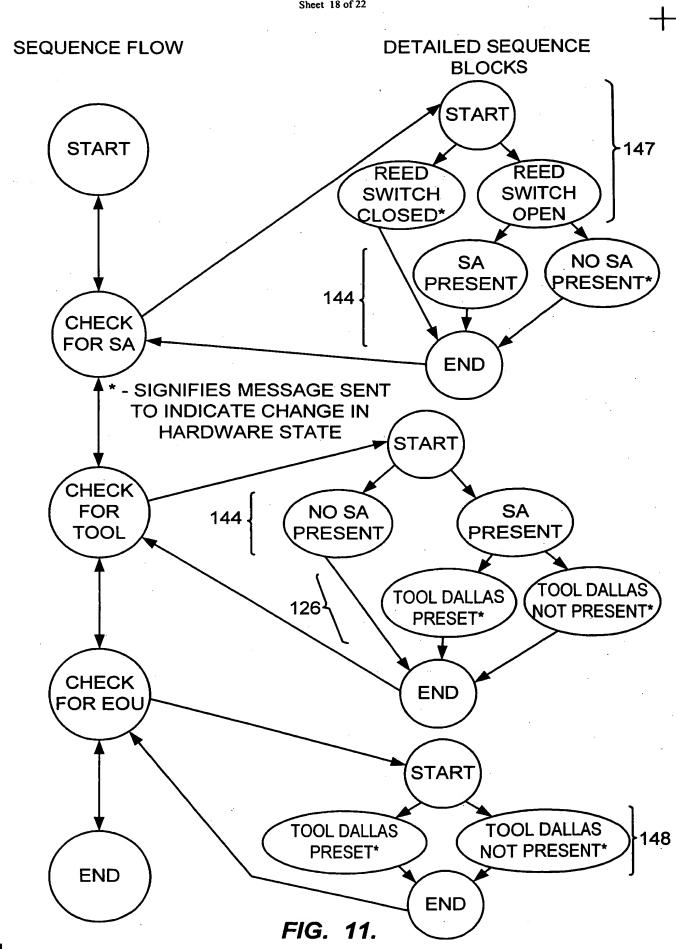


FIG. 10.



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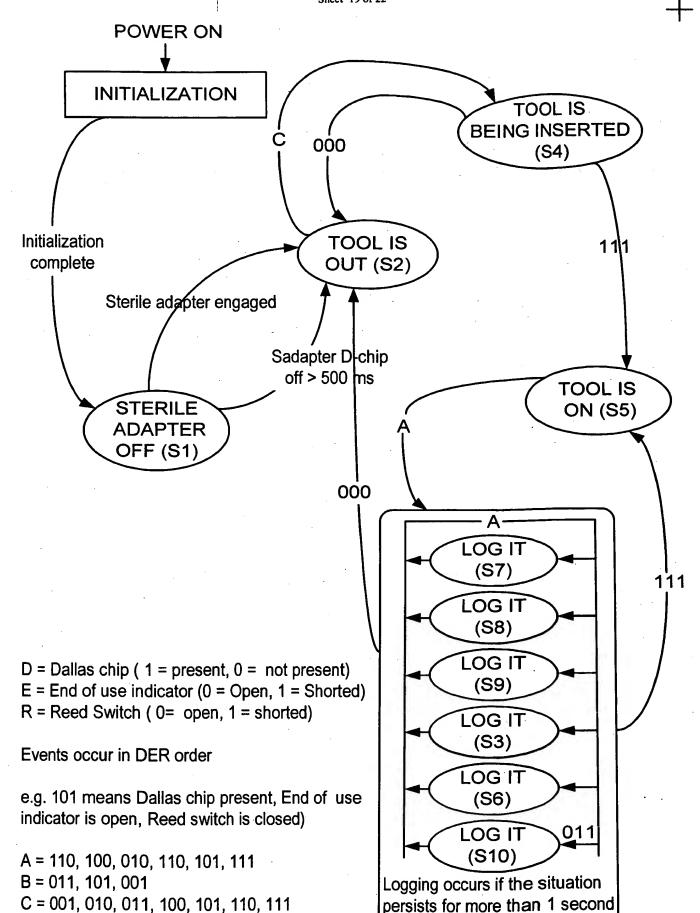
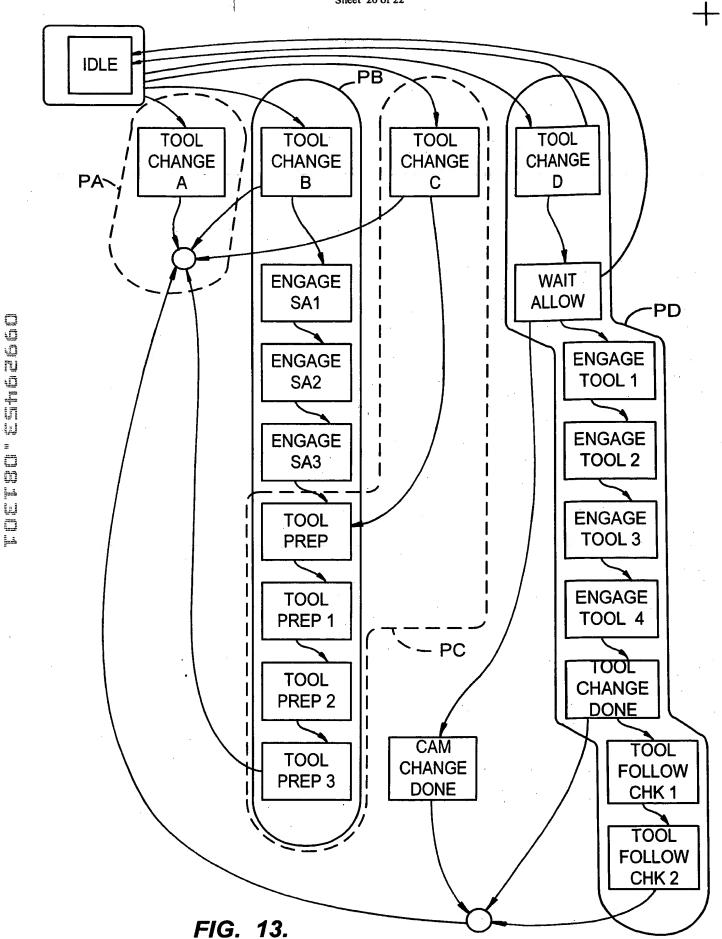
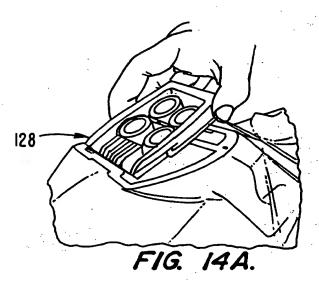


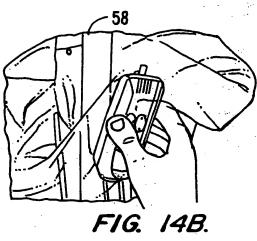
FIG.

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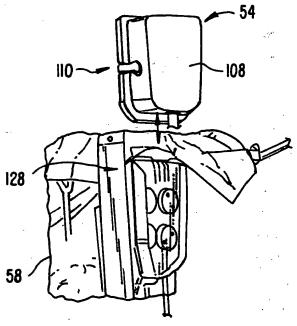
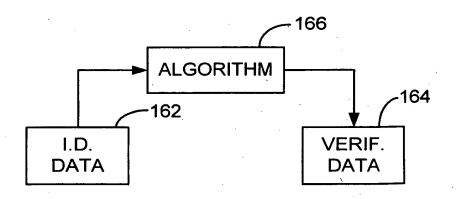


FIG. 14C.



TOOL PRODUCTION

TOOL COMPATIBILITY VERIFICATION

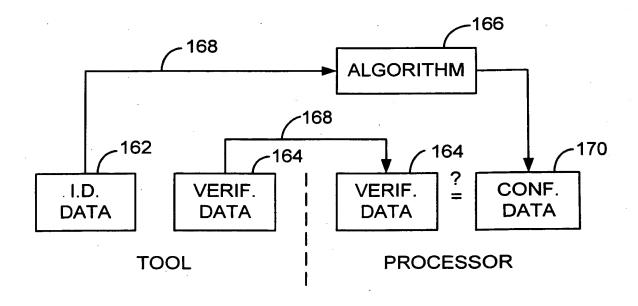


FIG. 15.